

This Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An isolated and purified polypeptide with a protein transduction domain (PTD) which comprises Arg-Lys-Met-Leu-Lys-Ser-Thr-Arg-Arg-Gln-Arg-Arg (SEQ ID NO:1), wherein the polypeptide can traverse a cellular membrane.
2. (Original) The polypeptide of claim 1 further comprising at its amino terminus Lys-Xaa-Xaa, wherein Xaa is a small neutral polar or nonpolar amino acid.
3. (Currently Amended) The polypeptide of claim 2 comprising the amino acid sequence ~~[[is]]~~ Lys-Gly-Gly-Arg-Lys-Met-Leu-Lys-Ser-Thr-Arg-Arg-Gln-Arg-Arg (SEQ ID NO:2).

Claims 4-6: Cancelled

7. (Currently Amended) A complex comprising a polypeptide with a PTD linked to a cargo moiety wherein the PTD comprises Arg-Lys-Met-Leu-Lys-Ser-Thr-Arg-Arg-Gln-Arg-Arg (SEQ ID NO:1), and wherein the complex can traverse a cellular membrane.
8. (Original) The complex of claim 7 wherein the cargo moiety is selected from the group consisting of a small molecule, a nucleic acid, and a polypeptide.
9. (Currently Amended) The complex of claim 8 wherein the cargo moiety is a small molecule, wherein the small molecule is selected from the group consisting of ~~a radionuclide,~~ a fluorescent marker, a dye, and a pharmaceutical agent.

Claims 10-12: Cancelled

13. (Original) The complex of claim 7 wherein the complex is a fusion protein.

Claims 14-28: Cancelled

29. (Original) The polypeptide of claim 1 further comprising a chemical cross-linker.

30. (Original) The polypeptide of claim 29 wherein the chemical cross-linker is maleimide or 3-nitro-2-pyridyldithio group.

31. (NEW) The complex of claim 8 wherein the cargo moiety is a small molecule, wherein the small molecule comprises a radionuclide.

32. (NEW) The complex of claim 7 wherein the cargo moiety is β -galactosidase or alkaline phosphatase.